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be accomplished remotely or frequently, a less expensive alternative to the pneumatic system is a mechanical pre-tensioning spring. The mechanical unit is comprised of a coil spring 58, a non-linear spring 14, a load supporting rod 16, a top support plate 18, a supporting plate 22, spring adjustments 60, fasteners 24, and connectors 26.

In the Claims:

Please amend the claims as follows:

1. (Twice amended) A device for adaptive vibration attenuation comprising a passive isolator with a nonlinear force-deflection characteristic and a pneumatic actuator which varies the operating point of said isolator along said force-deflection characteristic wherein the pneumatic actuator comprises at least one pressure chamber wherein air pressure in said pressure chamber can be externally controlled.

2. (Twice amended) A device for adaptive vibration attenuation comprising a passive isolator with a nonlinear force-deflection characteristic and a mechanical actuator which varies the operating point of said passive isolator along said force-